

Availability of Facilities and Services

Services	Canyon Village	Fishing Bridge	West Thumb	Mammoth Hot Springs	Old Faithful	West Entrance & Madison
Medical clinic 				Year-round, except weekends and some holidays. Mon–Thu 8:30 AM–5 PM Fri 8:30 AM–1 PM 307-344-7965		
Warming hut Warming huts provide shelter for skiers, snowshoers, and snowmobilers. 	Canyon Visitor Education Center Lobby 12/15–3/8 9 AM–3 PM Vending machine snacks, cold drinks. Restrooms open 24 hours.	12/18–2/29 Vending machine snacks, cold drinks	12/18–2/29 No food or water available	Mammoth 12/18–2/28 9 AM–5 PM Vending machine snacks, cold drinks, snowmobile fuel. Indian Creek 12/18–2/28 Not staffed, no food or water	12/18–2/28 Daytime only. No Vending.	Madison 12/15–3/15 Light snacks and hot drinks sold during day. Vending machine, snacks available anytime
Fuel Call 406-848-7548 for assistance 	12/15–3/15 Credit card fueling	12/15–3/15 Credit card fueling	Grant Village 12/15–3/15 Credit card fueling	Mammoth Credit card fueling Tower Junction Credit card fueling	12/15–3/15 Credit card fueling	
Supplies and gifts 				General Store 9 AM–6 PM Bear Den Ski Shop 12/15–3/15	Bear Den Gift Shop 12/15–3/15	
Hotel 				Mammoth Hot Springs Hotel CLOSED for renovation	Old Faithful Snow Lodge 12/16–2/27	
Dining 				Terrace Grill 12/16–2/27 General Store Lunch available late fall through early spring	Old Faithful Snow Lodge 12/16–2/27 Geyser Grill 12/15–3/15	
Campground 				All year	With backcountry permit, primitive only 12/15–3/15	
Wi-Fi 				Albright Visitor Center: Free	OF Snow Lodge:\$	

How do geysers work?



Clepsydra Geyser

The Upper Geyser Basin of Yellowstone National Park has the largest concentration of geysers in the world. Geysers are hot springs with narrow spaces in their plumbing, usually near the surface. These constrictions prevent water from circulating freely to the surface where heat would escape. The deepest circulating water can exceed the surface boiling point (199°F/93°C).

The surrounding pressure also increases with depth, similar to the ocean. Increased pressure exerted by the enormous weight of the overlying rock and water prevents the water from boiling.

As the water rises, steam forms. Bubbling upward, steam expands as it nears the top of the water column until the bubbles are too large and numerous to pass freely through the constrictions. At a critical point, the confined bubbles actually lift the water above, causing the geyser to splash or overflow. This decreases pressure on the system, and violent boiling results. Tremendous amounts of steam force water out of the vent, and the eruption begins.

Water is expelled faster than it can enter the geyser's plumbing system, and the heat and pressure gradually decrease. The eruption stops when the water reservoir is exhausted or when the system cools.

Yellowstone's geyser basins contain fountain-type geysers and cone-type geysers. Fountain-type geysers, like Clepsydra (*left*), shoot water out in various directions from a pool of water. Cone-type geysers erupt in a concentrated jet of water from inside a rock formation.

Visitor centers

Albright Visitor Center

Located at Mammoth Hot Springs and open daily, year round, the center offers new wildlife and history exhibits, a bookstore, trip planning, daily ranger programs, and the park's only **free Wi-Fi**.

Open daily 9 AM–5 PM
Call 307-344-2263

Canyon Visitor Education Center Lobby

Information and vending is available during open hours, restrooms are available 24 hours a day.
Opens for the winter season beginning 12/15/16

Open daily 9 AM–3 PM
Call 307-344-2550

Old Faithful Visitor Education Center

Visit dynamic exhibits about hydrothermal features, and regular ranger programs. Geyser eruption predictions are posted, or call 307-344-2751 for anticipated times.
Opens for the winter season beginning 12/15/16

Open daily 9 AM–5 PM
Call 307-344-2750

West Yellowstone Visitor Information Center

Inside the West Yellowstone Chamber of Commerce

Open Weekdays 8 AM–5 PM
Call 406-646-7701

NPS Desk

Opens for the winter season beginning 12/15/16
Open daily 8 AM–4 PM
Call 307-344-2876